

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	276	semiconductor with (fab fabricat\$4) with (simulat\$4 model\$4)	USPAT	OR	OFF	2006/02/20 14:53
L2	6	(fair adj model) or (fair adj diffusion adj model)	USPAT	OR	OFF	2006/02/20 14:53
L3	1	("6154717").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:53
L4	8	"10/989011" "10/780938" "10/668621" "09/891400" "09/781421" "09/519856"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:53
L5	1661	703/2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:53
L6	162	L5 and (diffusion impurit\$3 impure)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:53
L7	200	("pile-up" (pile adj up)) same (diffusion diffus\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:53
L8	1	10/059176	US-PGPUB	OR	OFF	2006/02/20 14:53
L9	1	"6581028".pn.	USPAT	OR	OFF	2006/02/20 14:53
L10	258	reverse adj short adj channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/20 14:53
L11	21	("5930494" "5819073" "5557710" "5684723" "6195790" "5148379" "6360190" "6242272" "6006026" "6080200" "5828586" "5889687" "6185472" "5819073" "6041424" "4584662" "6182270" "6011914" "6144932" "6360190" "6154717" "6505147" "6144929").pn.	USPAT	OR	OFF	2006/02/20 14:53
L12	13	("5103415" "5671395" "5675522" "5677846" "5774696" "5784302" "5819073" "5828586" "5889680" "5930494" "5963732" "6006026" "6011914").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:53

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L13	19	(US-4607530-\$ or US-6594625-\$ or US-6006026-\$ or US-6684181-\$ or US-6327555-\$ or US-6285970-\$ or US-6154718-\$ or US-6154717-\$ or US-6148276-\$ or US-6144929-\$ or US-6120548-\$ or US-6041174-\$ or US-5999719-\$ or US-6581028-\$ or US-5557710-\$ or US-6242272-\$ or US-6505147-\$ or US-5889687-\$ or US-5930494-\$).did.	USPAT	OR	OFF	2006/02/20 14:53
L14	1	L13 and (SiO)	USPAT	OR	OFF	2006/02/20 14:53
L15	9	L13 and layer	USPAT	OR	OFF	2006/02/20 14:53
L16	5	L13 and (source drain)	USPAT	OR	OFF	2006/02/20 14:53
L17	4	L16 and distance	USPAT	OR	OFF	2006/02/20 14:53
L18	1	"6080200".pn.	USPAT	OR	OFF	2006/02/20 14:53
L19	266	(impurity adj diffusion) same (source drain) same (distance length)	USPAT	OR	OFF	2006/02/20 14:53
L20	41	L19 and (simulat\$4 model\$4)	USPAT	OR	OFF	2006/02/20 14:53
L21	266	(impurity adj diffusion) same (source drain) same (distance length)	USPAT	OR	OFF	2006/02/20 14:53
L22	20	(US-4607530-\$ or US-6594625-\$ or US-6006026-\$ or US-6684181-\$ or US-6327555-\$ or US-6285970-\$ or US-6154718-\$ or US-6154717-\$ or US-6148276-\$ or US-6144929-\$ or US-6120548-\$ or US-6041174-\$ or US-5999719-\$ or US-6581028-\$ or US-5557710-\$ or US-6242272-\$ or US-6505147-\$ or US-5889687-\$ or US-5930494-\$ or US-6080200-\$). did.	USPAT	OR	OFF	2006/02/20 14:53



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- ☐ 1. **Parasitic energy barriers in SiGe HBTs**
 Slotboom, J.W.; Streutker, G.; Pruijmbom, A.; Gravesteyn, D.J.;
[Electron Device Letters, IEEE](#)
 Volume 12, Issue 9, Sept. 1991 Page(s):486 - 488
 Digital Object Identifier 10.1109/55.116926
[AbstractPlus](#) | Full Text: [PDF\(200 KB\)](#) IEEE JNL
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- ☐ 2. **An analytical subthreshold current model for pocket-implanted NMOSFE**
 Ho, C.S.; Liou, J.J.; Kuo-Yin Huang; Chin-Chang Cheng;
[Electron Devices, IEEE Transactions on](#)
 Volume 50, Issue 6, June 2003 Page(s):1475 - 1479
 Digital Object Identifier 10.1109/TED.2003.813340
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(504 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **Precise physical modeling of the reverse-short-channel effect for circuit**
 Suetake, M.; Miura-Mattausch, M.; Mattausch, H.J.; Kumashiro, S.; Shigyo, N.; Nakayama, N.;
[Simulation of Semiconductor Processes and Devices, 1999. SISPAD '99. 1999 Conference on](#)
 6-8 Sept. 1999 Page(s):207 - 210
 Digital Object Identifier 10.1109/SISPAD.1999.799297
[AbstractPlus](#) | Full Text: [PDF\(212 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 4. **A new dynamic model for the kink effect in InAlAs/InGaAs HEMTs**
 Somerville, M.H.; Ernst, A.; del Alamo, J.A.;
[Electron Devices Meeting, 1998. IEDM '98 Technical Digest., International](#)
 6-9 Dec. 1998 Page(s):243 - 246
 Digital Object Identifier 10.1109/IEDM.1998.746345
[AbstractPlus](#) | Full Text: [PDF\(316 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 5. **Ion-implanted low-barrier PtSi Schottky-barrier diodes**
 Bindell, J.B.; Moller, W.M.; Labuda, E.F.;
[Electron Devices, IEEE Transactions on](#)
 Volume 27, Issue 2, Feb 1980 Page(s):420 - 425

[AbstractPlus](#) | Full Text: [PDF\(648 KB\)](#) IEEE JNL
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6. **Recombination enhanced annealing effect in AlGaAs/GaAs remote junction heterostructure lasers**
Kobayashi, T.; Furukawa, Y.;
[Quantum Electronics, IEEE Journal of](#)
Volume 15, Issue 8, Aug 1979 Page(s):674 - 684
[AbstractPlus](#) | Full Text: [PDF\(1080 KB\)](#) IEEE JNL
[Rights and Permissions](#)
7. **A study of data loss and mispositioning due to pileup in 2-D detectors in Germano, G.; Hoffman, E.J.;**
[Nuclear Science, IEEE Transactions on](#)
Volume 37, Issue 2, Part 2, April 1990 Page(s):671 - 675
Digital Object Identifier 10.1109/23.106696
[AbstractPlus](#) | Full Text: [PDF\(412 KB\)](#) IEEE JNL
[Rights and Permissions](#)
8. **Hybrid ray-mode parametrization of high frequency propagation in an op with bilinear transverse bilinear transverse refractive index: numerical re-assessment**
Ishihara, T.; Felsen, L.B.;
[Antennas and Propagation, IEEE Transactions on](#)
Volume 39, Issue 6, June 1991 Page(s):789 - 797
Digital Object Identifier 10.1109/8.86877
[AbstractPlus](#) | Full Text: [PDF\(724 KB\)](#) IEEE JNL
[Rights and Permissions](#)
9. **A model of the high count rate performance of NaI(Tl)-based PET detector**
Wear, J.A.; Karp, J.S.; Freifelder, R.; Mankoff, D.A.; Muehllehner, G.;
[Nuclear Science, IEEE Transactions on](#)
Volume 45, Issue 3, Part 2, June 1998 Page(s):1231 - 1237
Digital Object Identifier 10.1109/23.682008
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(720 KB\)](#) IEEE JNL
[Rights and Permissions](#)
10. **Surface control of interstitial behavior for improved ultrashallow junction**
Seebauer, E.G.;
[Junction Technology, 2004. IWJT '04. The Fourth International Workshop on](#)
15-16 March 2004 Page(s):81 - 86
Digital Object Identifier 10.1109/IWJT.2004.1306764
[AbstractPlus](#) | Full Text: [PDF\(463 KB\)](#) IEEE CNF
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11. **Investigation of a model for the segregation and pile-up of boron at the S during the formation of ultrashallow p⁺ junctions**
Shima, A.; Jinbo, T.; Ushio, J.; Oh, J.-H.; Ono, K.; Oshima, M.; Natsuaki, N.;
[Electron Devices Meeting, 2000. IEDM Technical Digest. International](#)
10-13 Dec. 2000 Page(s):519 - 522
Digital Object Identifier 10.1109/IEDM.2000.904369
[AbstractPlus](#) | Full Text: [PDF\(332 KB\)](#) IEEE CNF
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12. **Monte Carlo simulation of high count rate scintillation camera imaging**
Ljungberg, M.; Strand, S.-E.; Englund, J.-E.; Rootzen, H.; Tagesson, M.;
[Nuclear Science Symposium and Medical Imaging Conference, 1994.. 1994 IE](#)
[Record](#)
Volume 4, 30 Oct.-5 Nov. 1994 Page(s):1682 - 1686 vol.4

Digital Object Identifier 10.1109/NSSMIC.1994.474740

[AbstractPlus](#) | Full Text: [PDF](#)(436 KB) IEEE CNF

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13. **A new diffusion algorithm during oxidation which can handle both phosphorus and boron segregation at Si-SiO₂ interface**

Sakamoto, H.; Kumashiro, S.;

[Simulation of Semiconductor Processes and Devices, 1997. SISPAD '97., 1999 Conference on](#)

8-10 Sept. 1997 Page(s):81 - 84

Digital Object Identifier 10.1109/SISPAD.1997.621341

[AbstractPlus](#) | Full Text: [PDF](#)(296 KB) IEEE CNF

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14. **Transient enhanced threshold shifts in power MOS transistors**

Darwish, M.; Rafferty, C.; Williams, R.K.; Cornell, M.; Yilmaz, H.;

[Electron Devices Meeting, 1995., International](#)

10-13 Dec. 1995 Page(s):1023 - 1025

Digital Object Identifier 10.1109/IEDM.1995.499391

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 Ohmi, T.;
[Proceedings of the IEEE](#)
 Volume 81, Issue 5, May 1993 Page(s):716 - 729
 Digital Object Identifier 10.1109/5.220903
[AbstractPlus](#) | Full Text: [PDF](#)(1280 KB) IEEE JNL
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 Yang-Ming Lu; Chen-Min Chang; Shu-I Tsai;
[Electronic Materials and Packaging, 2002. Proceedings of the 4th International 4-6 Dec. 2002](#) Page(s):178 - 181
 Digital Object Identifier 10.1109/EMAP.2002.1188834
[AbstractPlus](#) | Full Text: [PDF](#)(286 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ **3. Plasma cleaning of various electronic packaging materials to improve ad**
 Paek, K.-H.; Ju, W.-T.; Kim, Y.-H.; Seo, J.-H.; Kim, D.-Y.; Hwang, Y.-S.; Choe, J.;
[Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts 17-22 June 2001](#) Page(s):555
 Digital Object Identifier 10.1109/PPPS.2001.961383
[AbstractPlus](#) | Full Text: [PDF](#)(55 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ **4. Analysis and design of vertical N-channel IGBT**
 Kumar, A.; Khanna, V.K.;
[Semiconductor Electronics, 1998. Proceedings. ICSE '98. 1998 IEEE Internati on](#)
 24-26 Nov. 1998 Page(s):235 - 239
 Digital Object Identifier 10.1109/SMELEC.1998.781187
[AbstractPlus](#) | Full Text: [PDF](#)(320 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ **5. Electron mobility in inversion and accumulation layers on thermally oxidi surfaces**
 Sun, S.C.; Plummer, J.D.;
[Electron Devices, IEEE Transactions on](#)

Volume 27, Issue 8, Aug 1980 Page(s):1497 - 1508

[AbstractPlus](#) | Full Text: [PDF](#)(1184 KB) IEEE JNL
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6. **Device down scaling and expected circuit performance**
Hart, P.A.H.; Van 'T Hof, T.; Klaassen, F.M.;
[Electron Devices, IEEE Transactions on](#)
Volume 26, Issue 4, Apr 1979 Page(s):421 - 429
[AbstractPlus](#) | Full Text: [PDF](#)(1080 KB) IEEE JNL
[Rights and Permissions](#)
7. **Computer-aided transistor design, characterization, and optimization**
Ghosh, H.N.; De La Moneda, F.H.; Dono, N.R.;
[Proceedings of the IEEE](#)
Volume 55, Issue 11, Nov. 1967 Page(s):1897 - 1912
[AbstractPlus](#) | Full Text: [PDF](#)(1306 KB) IEEE JNL
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8. **Electron Mobility in Inversion and Accumulation Layers on Thermally Oxidized Surfaces**
Sun, S.C.; Plummer, J.D.;
[Solid-State Circuits, IEEE Journal of](#)
Volume 15, Issue 4, Aug 1980 Page(s):562 - 573
[AbstractPlus](#) | Full Text: [PDF](#)(2104 KB) IEEE JNL
[Rights and Permissions](#)
9. **Device down scaling and expected circuit performance**
Hart, P.A.H.; Van 'T Hof, T.; Klaassen, F.M.;
[Solid-State Circuits, IEEE Journal of](#)
Volume 14, Issue 2, Apr 1979 Page(s):343 - 357
[AbstractPlus](#) | Full Text: [PDF](#)(1640 KB) IEEE JNL
[Rights and Permissions](#)
10. **Effects of the diffused impurity profile on the DC characteristics of VMOs devices**
d'Avanzo, D.C.; Combs, S.R.; Dutton, R.W.;
[Solid-State Circuits, IEEE Journal of](#)
Volume 12, Issue 4, Aug 1977 Page(s):356 - 362
[AbstractPlus](#) | Full Text: [PDF](#)(728 KB) IEEE JNL
[Rights and Permissions](#)
11. **Metal-semiconductor-metal demultiplexing waveguide photodetectors in quantum well structures by selective bandgap tuning**
Masum Choudhury, A.N.M.; Melman, P.; Silletti, A.; Koteles, E.S.; Foley, B.; E
[Photonics Technology Letters, IEEE](#)
Volume 3, Issue 9, Sept. 1991 Page(s):817 - 820
Digital Object Identifier 10.1109/68.84504
[AbstractPlus](#) | Full Text: [PDF](#)(328 KB) IEEE JNL
[Rights and Permissions](#)
12. **Sources and transport mechanisms of gaseous impurities in vertical thermal oxidation**
Verma, N.K.; Ce Ma; Shero, E.; Shadman, F.;
[Semiconductor Manufacturing, IEEE Transactions on](#)
Volume 9, Issue 3, Aug. 1996 Page(s):312 - 319
Digital Object Identifier 10.1109/66.536104
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(736 KB) IEEE JNL
[Rights and Permissions](#)

13. **A 1000V high voltage P-channel DSAMOS-IC**
Nakagawa, K.; Ashida, T.; Takeuchi, H.; Fujii, K.;
[Electron Devices Meeting, 1982 International](#)
Volume 28, 1982 Page(s):72 - 75
[AbstractPlus](#) | Full Text: [PDF\(520 KB\)](#) IEEE CNF
[Rights and Permissions](#)
14. **Computer-aided simulation of transistor fabrication, characterization, and**
Ghosh, H.N.; de la Moneda, F.H.; Dono, N.R.;
[Electron Devices Meeting, 1966 International](#)
Volume 12, 1966 Page(s):138 - 140
[AbstractPlus](#) | Full Text: [PDF\(160 KB\)](#) IEEE CNF
[Rights and Permissions](#)
15. **Lead-free plating for semiconductor devices qualification & implementation**
Sriyarunya, A.; Schetty, R.;
[Electronics Packaging Technology, 2003 5th Conference \(EPTC 2003\)](#)
10-12 Dec. 2003 Page(s):59 - 64
Digital Object Identifier 10.1109/EPTC.2003.1271491
[AbstractPlus](#) | Full Text: [PDF\(457 KB\)](#) IEEE CNF
[Rights and Permissions](#)
16. **Improving the efficiency and effectiveness of integrated circuit manufacturing technology development**
Saha, S.K.;
[Management of Engineering and Technology, 1999. Technology and Innovation PICMET '99. Portland International Conference on](#)
Volume 1, 25-29 July 1999 Page(s):386 vol.1
Digital Object Identifier 10.1109/PICMET.1999.808368
[AbstractPlus](#) | Full Text: [PDF\(80 KB\)](#) IEEE CNF
[Rights and Permissions](#)
17. **Ion beam induced deposition of dielectric nanostructures**
Wanzenboeck, H.D.; Lugstein, A.; Langdischer, H.; Bertagnolli, E.; Gritsch, M.
[Dielectric Materials, Measurements and Applications, 2000. Eighth International \(IEE Conf. Publ. No. 473\)](#)
17-21 Sept. 2000 Page(s):485 - 490
[AbstractPlus](#) | Full Text: [PDF\(712 KB\)](#) IEE CNF
18. **Monochromatic imaging of scattered laser light from in situ generated plasmas**
Hareland, W.A.; Buss, R.J.; Brown, D.A.; Collins, S.M.;
[Plasma Science, IEEE Transactions on](#)
Volume 24, Issue 1, Feb. 1996 Page(s):103 - 104
Digital Object Identifier 10.1109/27.491733
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(208 KB\)](#) IEEE JNL
[Rights and Permissions](#)
19. **Poly-Si cells at a deposition rate of more than 1 nm/s by hot-wire chemical deposition**
Rath, J.K.; Hardeman, A.J.; van der Werf, C.H.M.; van Veenendaal, P.A.T.T.; Schropp, R.E.I.;
[Photovoltaic Energy Conversion, 2003. Proceedings of 3rd World Conference](#)
Volume 2, 12-16 May 2003 Page(s):1562 - 1565 Vol.2
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